CIVIL AERONAUTICS ADMINISTRATION

P-877 Revision 7 Beech 214

April 15, 1996

TYPE CERTIFICATE DATA SHEET NO. P-877

Propellers of models described herein conforming with this specification and approved data on file with the Civil Aeronautics Administration are rated as airworthy for use in certificated aircraft in accordance with pertinent aircraft specifications and applicable portions of the Civil Air Regulations provided they are installed, operated, and maintained as prescribed by the manufacturer.

Type Certificate Holder Raytheon Aircraft Company

9709 E. Central Wichita, KS 67201

Type Constant speed; hydro-mechanical (see NOTES 3 and 4)

Engine shaft SAE # 20 spline shaft

Hub material Steel
Blade material See below

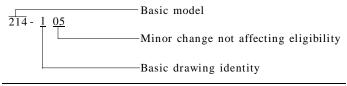
Number of blades

Hub model eligible 214-100 series (see NOTE 1)

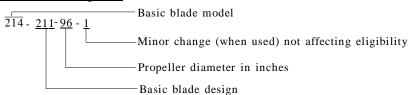
Blades	Max	mum				Approx. Max. Wt. Complete	
Eligible	Continuous		<u>Takeoff</u>		Diameter	(for reference only)	Blade
(See Note 2)	HP	RPM	HP	RPM	Limits	(See Notes 3,4, & 7)	Construction
214-211-96 to 214-211-93	240	1925	260	2180	96" - 93"	78 lbs.	Laminated birch veneer; cellulose nitrate covering; brass, Everdure, or stainless steel tipping.
272-234-101 to 272-234-88	325	2000	375	2180	101" - 88"	95 lbs.	Aluminum alloy

Certification basis Production basis Type Certificate No. 877 Production Certificate No. 501

NOTE 1. <u>Hub Model Designation</u>



NOTE 2. <u>Blade Model Designation</u>



NOTE 3. <u>Pitch Control</u>. Eligible only with Beech control unit 214-200 and Beech governor B200-250. Additional weight of governor 3-1/2 lbs. (Weight of transmission is included in approximate weight of propeller

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listed above.

NOTE 4. <u>Feathering</u>. Eligible only with Beech full feathering control.

NOTE 5. <u>Left-Hand Models</u>. Not applicable.

NOTE 6. None

NOTE 7. <u>Accessories.</u>

(a) Propeller Deicing

- (1) Eligible with Beech fluid deicer slinger ring included in Item (b)(1).
- (2) Eligible with Beech no. 279-404 (Goodrich No. 37572) propeller deicer fluid feed strips when installed in accordance with instructions issued by Beech.

(b) <u>Propeller Spinner</u>

Eligible with:

- (1) Beech spinner 272-102 (additional weight 6 lbs.) (For aluminum blades only)
- (2) Beech spinner 268-203 (additional weight 7 lbs.)
- (3) Beech spinner 50-960010 (additional weight 7 lbs.) (For wood blades only)

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